Swann Technical Support
All Countries E-mail: tech@swann.com.au

Telephone Helpdesk
UNITED STATES toll free
877-274-3695
(Sun-Thurs, 2pm-10.30pm PST)
800-627-2799
(Mon-Fri, 9am-1pm PST)

USA Exchange & Repairs
562-777-2551
(Mon-Fri, 9am-5pm PST)

AUSTRALIA toll free
1300 13 8324
(Mon-Fri, 9am-5.30pm Aus EST)

International
+61 3 8412 4610
(Mon-Fri, 9am-5.30pm Aus EST)

See http://www.worldtimeserver.com for information on different time zones and the time in Melbourne Australia compared to your local time.

Warranty Information

Swann Communications warrants this product against defects in workmanship and material for a period of one (1) year from it's original purchase date. You must present your receipt as proof of date of purchase for warranty validation. Any unit which proves defective during the stated period will be repaired without charge for parts or labour or replaced at the sole discretion of Swann. The repair or replacement will be warranted for either ninety days or the remainder of the original one year warranty period, whichever is longer. The end user is responsible for all freight charges incurred to send the product to Swann's repair centres. The end user is responsible for all shipping costs incurred when shipping from and to any country other than the country of origin. The warranty does not cover any incidental, accidental or consequential damages arising from the use of or the inability to use this product. Any costs associated with the fitting or removal of this product by a tradesman or other person or any other costs associated with its use are the responsibility of the end user. This warranty applies to the original purchaser of the product only and is not transferrable to any third party.

Unauthorised end user or third party modifications to any component or evidence of misuse or abuse of the device will render all warranties void.

Swann

Swann

USB 2.0 DVR Guardian™
USB Digital Video Recording Surveillance System

STOP

Swann Helpdesk
Has the answers

If this device does not work when you first plug it in, do not take it back to the store.

Contact the Swann Helpdesk using our fast e-mail service **tech@swann.com.au** or call us on one of the Toll-Free numbers shown on the back cover of this booklet.

Most problems can be quickly and easily fixed with a simple e-mail or a quick chat with one of our friendly technical staff. (Toll-Free available in the US and Australia only)

Installation Guide

Contents

Introduction

The Swann USB 2.0 DVR Guardian™ 4 channel surveillance system is a great safety system for your home, office, shop or retail premises. It is a cost-effective solution to replace a commercial VCR tape recorder; it also provides a digitized video image which can be viewed on your computer. The video images can be recorded with date and time stamping. Use the Swann USB 2.0 DVR Guardian™ with your existing security cameras or purchase additional cameras from Swann's extensive range to suit your security needs.

This Package Comes With ...

- 1 x Swann USB 2.0 DVR Guardian™
- 1 x Software CD containing users manual
- This Instruction Sheet

If any of these items are missing, please contact your retailer.

FCC NOTICE
This device complies with Part 15 of FCC Rules.
Operation is subject to the following conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received,
including interference that may cause undesired operation

System Requirements

Supported Operating Systems:	Windows® 2000 & XP
CPU:	Intel Pentium® III 800Mhz or higher
Memory:	256MB minimum
VGA card:	64MB or above
Screen resolution:	1024 x 768
Direct X:	9.0a or above
Hard Disk Drive:	20GB or above (7200 RPM recommended)
USB:	2.0
Compatible phones for remote viewing:	Windows Mobile® 2003 SE
	Windows Mobile® 5.0

Technical Specifications

Camera Inputs:	4 x Composite Video RCA
Audio Inputs:	2 x PC Audio RCA
Audio Format:	8 bit, one channel
Video format:	PAL or NTSC
Video Resolution:	PAL:352*288(CIF), 704*576(D1)
	NTSC:320*240(CIF), 640*480(D1)
Maximum format rate per channel:	25 fps(PAL), 30 ftp(NTSC)
Data format:	MPEG4
Record Mode:	Manual/Motion/Schedule
PTZ:	Protocol Configurable, Remote Control Capability

Windows® is registered trademark of Microsoft™ Corporation.
Pentium® is registered trademark of Intel® Corporation.

Trademarks are properties of their respective owners.

Tips for situating your cameras

You should position your cameras to cover the areas most exposed to risk. See our suggestions below for some ideas:

Take note that some cameras will require waterproof housing to protect it from the elements if used outdoors. Direct exposure to the effects of the weather will void the warranty.
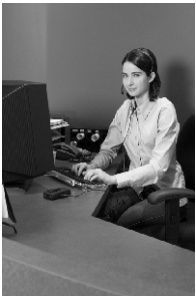
1. Doorways

2. Windows

3. Car Parks

4. Verandahs
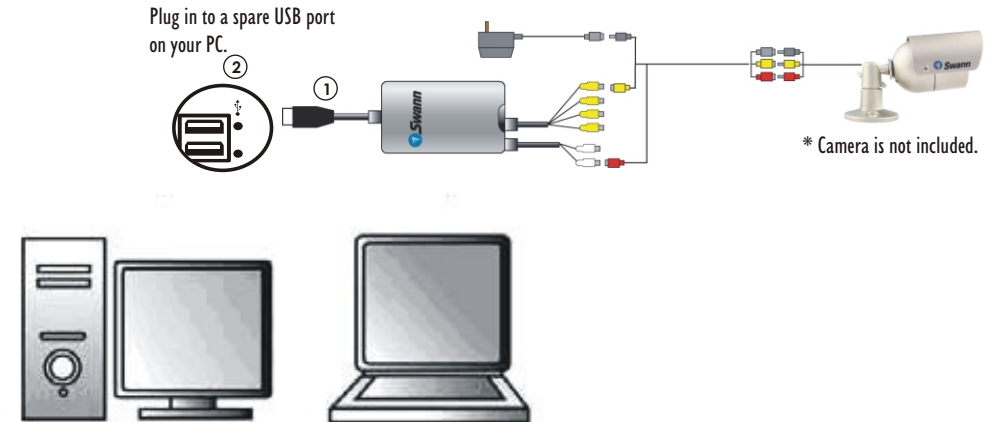
5. Reception areas

6. Cash register

7. Mix dummies & real cameras

8. Under eaves

To see a complete range of security solutions, please visit www.swannsecurity.com

Step 1: Hardware Installation

To help guide you through the process of setting up the Swann USB 2.0 DVR Guardian, we have outlined the steps and numbered each of the components required in the diagram below.

Plug in to a spare USB port on your PC.

② ①

＊ Camera is not included.

Follow these steps to install the Swann USB 2.0 DVR Guardian hardware.

Step 1.1. Firstly make sure your computer is turned ON and you are logged into an account with Administrator privileges to install software.

Step 1.2. Remove the USB DVR Guardian from the pack and locate the USB A plug (1).

Step 1.3. Connect the USB A plug (1) into a spare USB port (2) on your PC.
IMPORTANT: It is highly recommended that this device is plugged into an onboard USB port, and not a USB hub or add-on port.

IMPORTANT: Your Swann USB 2.0 DVR Guardian will be automatically detected by your PC, click "Cancel" or press the "Esc" key on your keyboard to exit the "Found new hardware wizard" as the drivers are installed during the software installation process.

Step 2: Driver Installation

Follow these steps to install the drivers and Swann USB 2.0 DVR Guardian software.

Step 2.1. Place the Swann USB 2.0 DVR Guardian driver and software installation CD into your CD-ROM drive and wait for the program to "Autorun". Once the installation program is running, you will see a window "Welcome to SuperDVR setup", click "Next" to continue.

Step 2.2. You will see the "Setup Type" window open, select the Video standard you will use by clicking on either PAL (AU, UK and EU) or NTSC (USA and CAN) then click "Next".

Step 2.3. You will now see the "Hardware Installation" window, click "Continue Anyway" and the driver installation will continue (All Swann products are extensively tested on the relevant versions of Microsoft® Windows®). Next you will see the" Choose Destination Location" window, accept the default and click "Next".

Step 2.4. You will now be asked to "Select Program Folder", again accept the default and click "Next". The software installation will now progress automatically.

Step 2.5. Once you see the "Setup Complete" window, click "Finish" to complete the installation.

Step 2.6. We recommend you restart your computer now.

Step 2.7. Run the "SuperDVR" software has can be found as an icon on your desktop.

NOTE: To change the video standard, you must first un-install the software and repeat steps 2.1 & 2.2.

Step 3: Configuring Remote Internet Access

To use the Swann USB 2.0 DVR Guardian with remote viewing capabilities you may have to "open" ports on your Windows® Firewall, your Software Firewall or on the Broadband Router/Modem that you use to connect to the Internet. Please consult the documentation or help files on the relevant software or system for instructions on how to do this. To successfully access your cameras from the Internet you will need to have allowed access to and from the following ports from an outside connection. This process is also called "Port Forwarding" or creating a "Virtual Server" connection.

The ports used are:
HTTP:
Port 80 - Used for initial download of Remote Viewing Software Interface.
Webcamera Service:
Data Port: 1159 - Port used for transfer of Live Video Stream.
Control Port: 1259 - Port used for transfer of Host Interface commands.
Remote Playback Service:
RPB Port: 13551 - Port used for transfer of Remote Playback video stream.

You may also have to place the IP address of the machine running the Swann USB 2.0 DVR Guardian in the "DMZ" of your Firewall to enable the remote viewing interface. Information on how to do this should be detailed in the documentation covering operation of your Firewall.

When you first log in to the PC running the Swann USB 2.0 DVR Guardian software, the PC you are downloading the viewing software will give you a "Security Warning" concerning downloading an "ActiveX control" called "DownLoad.ocx" and ask if you wish to install and run it. Please click yes, as this control is vital to the operation of the remote viewing interface, and is not a security risk to your system. If your PC already has Microsoft® Windows® XP SP2 (Service Pack 2) you will see a yellow bar at the top of the browser window with the message "To help protect your security, Internet Explorer stopped this site from installing an ActiveX control on your computer. Click here for options...". Click on the yellow bar with your mouse, and you will see 3 options, click on "Install ActiveX Control..." and wait for the control to install. Once this is finished, click on the feature you wish to use in the Swann USB 2.0 DVR Guardian window, then click "OK" to download the software. More information on using this feature can be found in the manual.

When configuring the e-mail notification function as described in the manual, ensure that all fields are completed or you will receive an error message.
Also note that some Anti-Virus programs that scan outgoing messages may delay or halt the e-mail notification process, consult the documentation accompanying your anti-virus software for information on how to allow the mail to be sent correctly.

Read the accompanying user manual for more comprehensive information on how to configure the Swann USB 2.0 DVR Guardian software and its various features.